

LISTING OF CLAIMS

1-16. (Cancelled)

17. (Currently amended). A medical device delivery system for a self-expanding stent comprising:

an outer sheath comprising an elongated tubular body and a distal section;

said sheath comprising an inner, fluoropolymer polytetrafluoroethylene resin layer having stainless steel braiding disposed thereon, and a coating applied over and bonded to the braiding with the coating of said distal section formed from a light transmissive material;

an inner shaft located coaxially within said outer sheath, said shaft having a distal end and a proximal end;

a self-expanding stent located within said distal section of said outer sheath, said stent making frictional contact with said outer sheath, and said shaft connected to said stent for delivery of said stent;

said distal section being light transmissive whereby said stent may be visually inspected through said distal section, and further in which said distal section has a greater inside and outside diameter than the inside and outside diameter of said elongated, tubular body.

18. (Previously presented) A medical device delivery system as defined in claim 17, wherein said sheath includes a flexible distal tip bonded to the distal section, said distal tip comprising a polymeric formulation containing from about 20 to 75 weight percent of a polymeric radiopaque agent to be substantially more radiopaque than the distal section and the elongated tubular body member.

19. (Previously Presented) A medical device delivery system as defined in claim 18, wherein said elongated tubular body member is comprised of a polymeric formulation containing less than about 20 weight percent of radiopaque agent to be substantially less radiopaque than the distal tip.

20. (Previously Presented) A medical device delivery system as defined in claim 18, wherein said distal section is comprised of a clear nylon polymer.

21. (Previously Presented) A medical device delivery system as defined in claim 20, wherein said elongated tubular body is comprised of a opaque nylon material.

22–29. (Cancelled).

30. (Currently amended) The medical device delivery system as defined in claim 17 in which said ~~fluoropolymer~~ polytetrafluoroethylene resin comprises Teflon® resin.